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PIEZORESISTIVE TORQUE SENSOR

ABSTRACT

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An automotive steering system with a torque sensor is disclosed. The steering system comprises a shaft linked to a set of road wheels; a sensor connected to the shaft for sensing torque applied to the shaft and operative to provide as output a signal indicative of said torque; a controller in signal communication with the sensor and operative thereby to accept as input from the sensor the signal indicative of the torque applied to the shaft; and a motor coupled to the shaft and in signal communication with the controller and operative thereby to accept as input from the controller a command to apply torque to the shaft.